

AMENDMENTS TO THE CLAIMS

- 1-3. (canceled)
4. (currently amended) An isolated monoclonal antibody or antibody fragment that specifically binds to a protein having an amino acid sequence of SEQ ID NO: 2570.
5. (canceled)
6. (currently amended) The antibody or antibody fragment of ~~claim 5~~ claim 4, wherein the monoclonal antibody is recombinantly produced.
7. (previously presented) The antibody or antibody fragment of claim 4, wherein the antibody or fragment is labeled with a detectable marker.
8. (canceled)
9. (previously presented) The antibody or antibody fragment of claim 4, wherein the fragment is selected from the group consisting of Fab, F(ab')₂, Fv and sFv.
10. (previously presented) The antibody or antibody fragment of claim 4, wherein the antibody is a human antibody, a humanized antibody or a chimeric antibody.
11. (canceled)
12. (currently amended) A hybridoma that produces [an] monoclonal antibody that specifically binds to a protein having an amino acid sequence of SEQ ID NO: 2570.
13. (previously presented) The antibody or antibody fragment of claim 6, wherein the monoclonal antibody is a single chain monoclonal antibody.
14. (canceled)
- 15-77. (canceled)

78. (previously presented) The antibody or antibody fragment of claim 4, wherein the antibody or fragment is labeled with an agent.

79. (canceled)

80. (currently amended) The antibody or antibody fragment of ~~claim 79~~ claim 78, wherein the cytotoxic agent is selected from the group consisting of radioactive isotopes, chemotherapeutic agents and toxins.

81. (previously presented) The antibody or antibody fragment of claim 80, wherein the radioactive isotope is selected from the group consisting of ^{211}At , ^{131}I , ^{125}I , ^{90}Y , ^{186}Re , ^{188}Re , ^{153}Sm , ^{212}Bi , ^{32}P and radioactive isotopes of Lu.

82. (previously presented) The antibody or antibody fragment of claim 80, wherein the chemotherapeutic agent is selected from the group consisting of taxol, actinomycin, mitomycin, etoposide, tenoposide, vincristine, vinblastine, colchicine, gelonin, and calicheamicin.

83. (previously presented) The antibody or antibody fragment of claim 80, wherein the toxin is selected from the group consisting of diphtheria toxin, enomycin, phenomycin, Pseudomonas exotoxin (PE) A, PE40, abrin, abrin A chain, mitogellin, modeccin A chain, and alpha-sarcin.

84-88. (canceled)